

46.202-4 Higher-level contract quality requirements.

(a) Requiring compliance with higher-level quality standards is appropriate in solicitations and contracts for complex or critical items (see 46.203(b) and (c)) or when the technical requirements of the contract require—

(1) Control of such things as work operations, in-process controls, and inspection; or

(2) Attention to such factors as organization, planning, work instructions, documentation control, and advanced metrology.

(b) When the contracting officer, in consultation with technical personnel, finds it is in the Government's interest to require that higher-level quality standards be maintained, the contracting officer shall use the clause prescribed at 46.311. The contracting officer shall indicate in the clause which higher-level quality standards will satisfy the Government's requirement. Examples of higher-level quality standards are ISO 9001, 9002, or 9003; ANSI/ISO/ASQ Q9001-2000; ANSI/ASQC Q9001, Q9002, or Q9003; QS-9000; AS-9000; ANSI/ASQC E4; and ANSI/ASME NQA-1.

[63 FR 70289, Dec. 18, 1998, as amended at 67 FR 6120, Feb. 8, 2002]

46.203 Criteria for use of contract quality requirements.

The extent of contract quality requirements, including contractor inspection, required under a contract shall usually be based upon the classification of the contract item (supply or service) as determined by its technical description, its complexity, and the criticality of its application.

(a) *Technical description.* Contract items may be technically classified as—

(1) Commercial (described in commercial catalogs, drawings, or industrial standards; see part 2); or

(2) Military-Federal (described in Government drawings and specifications).

(b) *Complexity.* (1) Complex items have quality characteristics, not wholly visible in the end item, for which contractual conformance must be established progressively through precise measurements, tests, and controls applied during purchasing, manufac-

turing, performance, assembly, and functional operation either as an individual item or in conjunction with other items.

(2) Noncomplex items have quality characteristics for which simple measurement and test of the end item are sufficient to determine conformance to contract requirements.

(c) *Criticality.* (1) A critical application of an item is one in which the failure of the item could injure personnel or jeopardize a vital agency mission. A critical item may be either peculiar, meaning it has only one application, or common, meaning it has multiple applications.

(2) A noncritical application is any other application. Noncritical items may also be either peculiar or common.

[48 FR 42415, Sept. 19, 1983, as amended at 60 FR 48249, Sept. 18, 1995]

46.204 [Reserved]**Subpart 46.3—Contract Clauses****46.301 Contractor inspection requirements.**

The contracting officer shall insert the clause at 52.246-1, Contractor Inspection Requirements, in solicitations and contracts for supplies or services when the contract amount is expected to be at or below the simplified acquisition threshold and (a) inclusion of the clause is necessary to ensure an explicit understanding of the contractor's inspection responsibilities, or (b) inclusion of the clause is required under agency procedures. The clause shall not be used if the contracting officer has made the determination specified in 46.202-2(b).

[48 FR 42415, Sept. 19, 1983, as amended at 60 FR 34760, July 3, 1995; 60 FR 48250, Sept. 18, 1995]

46.302 Fixed-price supply contracts.

The contracting officer shall insert the clause at 52.246-2, Inspection of Supplies—Fixed-Price, in solicitations and contracts for supplies, or services that involve the furnishing of supplies, when a fixed-price contract is contemplated and the contract amount is expected to exceed the simplified acquisition threshold. The contracting

officer may insert the clause in such solicitations and contracts when the contract amount is expected to be at or below the simplified acquisition threshold and inclusion of the clause is in the Government's interest. If a fixed-price incentive contract is contemplated, the contracting officer shall use the clause with its *Alternate I*. If a fixed-ceiling-price contract with retroactive price redetermination is contemplated, the contracting officer shall use the clause with its *Alternate II*.

[48 FR 42415, Sept. 19, 1983, as amended at 60 FR 34760, July 3, 1995]

46.303 Cost-reimbursement supply contracts.

The contracting officer shall insert the clause at 52.246-3, Inspection of Supplies—Cost-Reimbursement, in solicitations and contracts for supplies, or services that involve the furnishing of supplies, when a cost-reimbursement contract is contemplated.

46.304 Fixed-price service contracts.

The contracting officer shall insert the clause at 52.246-4, Inspection of Services—Fixed-Price, in solicitations and contracts for services, or supplies that involve the furnishing of services, when a fixed-price contract is contemplated and the contract amount is expected to exceed the simplified acquisition threshold. The contracting officer may insert the clause in such solicitations and contracts when the contract amount is expected to be at or below the simplified acquisition threshold and inclusion is in the Government's interest.

[48 FR 42415, Sept. 19, 1983, as amended at 60 FR 34760, July 3, 1995]

46.305 Cost-reimbursement service contracts.

The contracting officer shall insert the clause at 52.246-5, Inspection of Services—Cost Reimbursement, in solicitations and contracts for services, or supplies that involve the furnishing of services, when a cost-reimbursement contract is contemplated.

46.306 Time-and-material and labor-hour contracts.

The contracting officer shall insert the clause at 52.246-6, Inspection—Time-and-Material and Labor-Hour, in solicitations and contracts when a time-and-material contract or a labor-hour contract is contemplated. If Government inspection and acceptance are to be performed at the contractor's plant, the contracting officer shall use the clause with its *Alternate I*.

[48 FR 42415, Sept. 19, 1983, as amended at 51 FR 2666, Jan. 17, 1986]

46.307 Fixed-price research and development contracts.

(a) The contracting officer shall insert the clause at 52.246-7, Inspection of Research and Development—Fixed-Price, in solicitations and contracts for research and development when (1) the primary objective of the contract is the delivery of end items other than designs, drawings, or reports, (2) a fixed-price contract is contemplated, and (3) the contract amount is expected to exceed the simplified acquisition threshold; unless use of the clause is impractical and the clause prescribed in 46.309 is considered to be more appropriate.

(b) The contracting officer may insert the clause in such solicitations and contracts when the contract amount is expected to be at or below the simplified acquisition threshold, and its use is in the Government's interest.

[48 FR 42415, Sept. 19, 1983, as amended at 60 FR 34760, July 3, 1995]

46.308 Cost-reimbursement research and development contracts.

The contracting officer shall insert the clause at 52.246-8, Inspection of Research and Development—Cost-Reimbursement, in solicitations and contracts for research and development when (a) the primary objective of the contract is the delivery of end items other than designs, drawings, or reports, and (b) a cost-reimbursement contract is contemplated; unless use of the clause is impractical and the clause prescribed in 46.309 is considered to be more appropriate. If it is contemplated that the contract will be on